

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6968072").PN	US-PGPUB; USPAT	OR	OFF	2008/08/13 08:40
L2	1	("20020064307").PN	US-PGPUB; USPAT	OR	OFF	2008/08/13 08:41
L3	49984	least NEAR3 significant NEAR3 bit	US-PGPUB; USPAT	OR	ON	2008/08/13 09:04
L4	58255	(least NEAR3 significant NEAR3 bit) OR LSB	US-PGPUB; USPAT	OR	ON	2008/08/13 09:05
L5	27440	(region OR area) WITH (least NEAR3 significant NEAR3 bit) OR LSB	US-PGPUB; USPAT	OR	ON	2008/08/13 09:06
L6	1737431	generat\$3 NEAR3 watermark NEA3 information	US-PGPUB; USPAT	OR	ON	2008/08/13 09:06
L7	20911	5 and 6	US-PGPUB; USPAT	OR	ON	2008/08/13 09:07
L8	45273	4 and 6	US-PGPUB; USPAT	OR	ON	2008/08/13 09:07
L9	54007	(least NEAR1 significant NEAR1 bit) OR LSB	US-PGPUB; USPAT	OR	ON	2008/08/13 09:08
L10	139	generat\$3 NEAR1 watermark NEAR3 information	US-PGPUB; USPAT	OR	ON	2008/08/13 09:08
L11	370	generat\$3 NEAR3 watermark NEAR3 information	US-PGPUB; USPAT	OR	ON	2008/08/13 09:08
L12	45	4 AND 11	US-PGPUB; USPAT	OR	ON	2008/08/13 09:08
L13	5908	382/100	US-PGPUB; USPAT	OR	ON	2008/08/13 11:13
L14	2274	348/222.1	US-PGPUB; USPAT	OR	ON	2008/08/13 11:13
L15	0	(348/231).CQLS	US-PGPUB; USPAT	OR	OFF	2008/08/13 11:13
L16	371	(348/231.3).CQLS	US-PGPUB; USPAT	OR	OFF	2008/08/13 11:14
L17	371	(348/231.3).CQLS	US-PGPUB; USPAT	OR	OFF	2008/08/13 11:14
L18	5	(image WITH process\$3 ) AND (generat\$3 WITH error WITH correction WITH encoded WITH watermark) AND (output\$4 WITH image)	US-PGPUB; USPAT, EPO, JPO, DERWENT	OR	ON	2008/08/13 11:15

L19	7	(image WITH process\$3) AND (generat\$3 WITH plurality WITH feature WITH image) AND (watermark WITH information)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/08/13 11:15
L20	45	( feature WITH image WITH partial WITH image WITH original WITH image)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/08/13 11:15
L21	66	reduc\$3 NEAR1 size NEAR3 image WITH (ratio NEAR1 reduction)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/08/13 11:15
L22	233	reduc\$3 NEAR3 size NEAR3 image SAME (ratio NEAR1 reduction)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/08/13 11:16
L23	2	reduc\$3 NEAR3 size NEAR3 image WITH ratio WITH watermark	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/08/13 11:16
L24	454	generat\$3 NEAR3 watermark NEAR3 information	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 11:16
L26	0	(tomochika WITH murakami).in. AND (generat\$3 WITH watermark WITH information WITH reduc\$3 WITH size WITH image). clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 11:18
L27	4	(tomochika WITH murakami).in. AND (generat\$3 WITH watermark WITH information ).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 11:18
S1	1	("20040001610").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 11:31
S2	1	("20040001609").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 11:31
S3	1	("20040001164").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 11:31
S4	1	("20030161536").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 11:32
S5	1	("20030123698").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 11:32
S6	1	("20020002679").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 11:32
S7	1	("20010017709").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 11:32
S8	1	("20040145661").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 11:43
S9	4965	382/100	US-PGPUB; USPAT	OR	ON	2007/08/29 11:47

S10	1738	348/222.1	US-PGPUB; USPAT	OR	ON	2007/08/29 11:47
S11	3	348/222.1.cds. AND (image WITH process\$3) AND (feature WITH image) AND ( watermark WITH information) AND ( error WITH correction) AND (output WITH image)	US-PGPUB; USPAT	OR	ON	2007/08/29 13:11
S12	2	(image WITH process\$3) AND ( watermark WITH information) AND ( generat \$3 WITH error WITH correction WITH encoded WITH watermark WITH information)	US-PGPUB; USPAT	OR	ON	2007/08/29 13:09
S13	2	(image WITH process\$3) AND ( generat\$3 WITH error WITH correction WITH encoded WITH watermark WITH information)	US-PGPUB; USPAT	OR	ON	2007/08/29 13:09
S14	1	348/222.1.cds. AND ( watermark WITH information) AND ( generat \$3 WITH feature WITH image)	US-PGPUB; USPAT	OR	ON	2007/08/29 13:12
S15	84	(image WITH process\$3) AND ( watermark WITH information) AND ( generat \$3 WITH feature WITH image)	US-PGPUB; USPAT	OR	ON	2007/08/29 13:12
S16	1	(image WITH process\$3) SAME ( watermark WITH information) SAME ( generat\$3 WITH feature WITH image)	US-PGPUB; USPAT	OR	ON	2007/08/29 13:13
S17	13	(image WITH process\$3) AND ( watermark WITH information) SAME ( generat\$3 WITH feature WITH image)	US-PGPUB; USPAT	OR	ON	2007/08/29 13:29
S18	1	(image WITH process\$3) AND ( watermark WITH information) SAME ( generat\$3 WITH feature WITH image WITH first WITH region)	US-PGPUB; USPAT	OR	ON	2007/08/29 13:20
S19	1	("20040145661").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 13:39
S20	17	(image WITH process\$3) AND (detect\$3 WITH position WITH tampering)	US-PGPUB; USPAT	OR	ON	2007/08/29 13:43

S21	1	("20040145661").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 15:06
S22	0	(image WITH process\$3 ) AND (generat\$3 WITH feature WITH image) AND (generat\$3 WITH watermark WITH information) AND (generat \$3 WITH error WITH correction WITH encod WITH watermark) AND (output\$4 WITH image)	US-PGPUB; USPAT	OR	ON	2007/08/30 08:25
S23	1	(image WITH process\$3 ) AND (generat\$3 WITH feature WITH image) AND (generat\$3 WITH watermark WITH information) AND (generat \$3 WITH error WITH correction WITH encoded WITH watermark) AND (output\$4 WITH image)	US-PGPUB; USPAT	OR	ON	2007/08/30 08:26
S24	46	(image WITH process\$3 ) AND (generat\$3 WITH feature WITH image) AND (generat\$3 WITH watermark WITH information)	US-PGPUB; USPAT	OR	ON	2007/08/30 08:26
S25	25	(image WITH process\$3 ) SAME (generat\$3 WITH feature WITH image) AND (generat\$3 WITH watermark WITH information)	US-PGPUB; USPAT	OR	ON	2007/08/30 08:26
S26	4	(image WITH process\$3 ) AND (generat\$3 WITH error WITH correction WITH encoded WITH watermark) AND (output\$4 WITH image)	US-PGPUB; USPAT	OR	ON	2007/08/30 08:26
S27	4	(image WITH process\$3 ) SAME (generat\$3 WITH error WITH correction WITH encoded WITH watermark) AND (output\$4 WITH image)	US-PGPUB; USPAT	OR	ON	2007/08/30 08:27
S28	1	S25 and S27	US-PGPUB; USPAT	OR	ON	2007/08/30 08:27
S29	756	(image WITH process\$3) AND (generat\$3 WITH plurality WITH feature WITH image)	US-PGPUB; USPAT	OR	ON	2007/08/30 09:14

S30	43	(image WITH process\$3) SAME (generat\$3 WITH plurality WITH feature ADJ1 image)	US-PGPUB; USPAT	OR	ON	2007/08/30 09:14
S31	1	(image WITH process\$3) SAME (generat\$3 WITH plurality WITH feature ADJ1 image) AND (generat \$3 WITH watermark WITH information)	US-PGPUB; USPAT	OR	ON	2007/08/30 09:15
S32	1	(image WITH process\$3) AND (generat\$3 WITH plurality WITH feature ADJ1 image) AND (generat \$3 WITH watermark WITH information)	US-PGPUB; USPAT	OR	ON	2007/08/30 09:15
S33	1	(image WITH process\$3) AND (generat\$3 WITH plurality WITH feature ADJ1 image) AND ( watermark WITH information)	US-PGPUB; USPAT	OR	ON	2007/08/30 09:15
S34	1	(generat\$3 WITH plurality WITH feature ADJ1 image) AND ( watermark WITH information)	US-PGPUB; USPAT	OR	ON	2007/08/30 09:15
S35	2	(image WITH process\$3) AND (generat\$3 WITH plurality WITH feature ADJ1 image) AND watermark	US-PGPUB; USPAT	OR	ON	2007/08/30 09:19
S36	12	(image WITH process\$3) AND (generat\$3 WITH plurality WITH feature WITH image) AND watermark	US-PGPUB; USPAT	OR	ON	2007/08/30 09:24
S37	6	(image WITH process\$3) AND (generat\$3 WITH plurality WITH feature WITH image) AND (watermark WITH information)	US-PGPUB; USPAT	OR	ON	2007/08/30 09:19
S38	1	("20020191810").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 09:24
S39	0	(image WITH process\$3) AND ( watermark WITH information) AND ( feature WITH image WITH parital WITH image WITH original WITH image)	US-PGPUB; USPAT	OR	ON	2007/08/30 09:42

S40	1	(image WITH process\$3) AND ( watermark WITH information) AND ( feature WITH image WITH partial WITH image WITH original WITH image)	US-PGPUB; USPAT	OR	ON	2007/08/30 09:42
S41	1	( watermark WITH information) AND ( feature WITH image WITH partial WITH image WITH original WITH image)	US-PGPUB; USPAT	OR	ON	2007/08/30 09:42
S42	31	( feature WITH image WITH partial WITH image WITH original WITH image)	US-PGPUB; USPAT	OR	ON	2007/08/30 09:42
S43	1	( feature ADJ1 image WITH partial ADJ1 image WITH original ADJ1 image)	US-PGPUB; USPAT	OR	ON	2007/08/30 09:43
S44	1	("20040001610").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:27
S45	1	("20040001609").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:27
S46	1	("20040001164").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:28
S47	1	("20030161536").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:28
S48	1	("20030123698").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:29
S49	1	("20020002679").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:29
S50	1	("20010017709").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:31
S51	1	("20030012406").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:32
S52	1	("6532541").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:32
S53	1	("20030025805").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:33
S54	1	("20030133591").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:37
S55	0	(348/231).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:37
S56	320	(348/231.3).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:37
S57	1326	(348/222.1).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:37
S58	1	("20040145661").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/26 11:27
S59	1	("20030012406").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/26 13:17

S60	7	((("20040001610") or ("20040001609") or ("20040001164") or ("20030161536") or ("20030123698") or ("20020002679") or ("20010017709")).PN.	US-PGPUB; USPAT	OR	OFF	2008/02/26 13:23
S61	0	watermark WITH digitmart	US-PGPUB; USPAT	OR	ON	2008/02/26 14:25
S62	0	watermark WITH digimart	US-PGPUB; USPAT	OR	ON	2008/02/26 14:26
S63	0	digimart	US-PGPUB; USPAT	OR	ON	2008/02/26 14:26
S64	0	watermark\$3 WITH stethograph	US-PGPUB; USPAT	OR	ON	2008/02/26 14:28
S65	12668	watermark\$3 OR stethograph	US-PGPUB; USPAT	OR	ON	2008/02/26 14:28
S66	7202	(chang\$3 OR vary\$3) WITH bit WITH order	US-PGPUB; USPAT	OR	ON	2008/02/26 14:29
S67	118	S65 and S66	US-PGPUB; USPAT	OR	ON	2008/02/26 14:30
S68	95	error WITH correction WITH encoded WITH watermark	US-PGPUB; USPAT	OR	ON	2008/02/26 14:30
S69	1	S67 and S68	US-PGPUB; USPAT	OR	ON	2008/02/26 14:31
S70	112770	error WITH correction	US-PGPUB; USPAT	OR	ON	2008/02/26 14:31
S71	29	S65 and S66 and S70	US-PGPUB; USPAT	OR	ON	2008/02/26 14:32
S72	1	("20030012406").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/26 14:57
S73	1	("20040145661").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/27 08:54
S74	1	("20030012406").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/27 09:23
S75	1	("20030009674").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/27 09:32
S76	5461	382/100	US-PGPUB; USPAT	OR	ON	2008/02/27 11:07
S77	1986	348/222.1	US-PGPUB; USPAT	OR	ON	2008/02/27 11:07
S78	2	(image WITH process\$3) AND ( watermark WITH information) AND ( generat \$3 WITH error WITH correction WITH encoded WITH watermark WITH information)	US-PGPUB; USPAT	OR	ON	2008/02/27 11:07

S79	2	(image WITH process\$3) AND ( generat\$3 WITH error WITH correction WITH encoded WITH watermark WITH information)	US-PGPUB; USPAT	OR	ON	2008/02/27 11:07
S80	1	( image WITH process\$3 ) AND (generat\$3 WITH feature WITH image) AND (generat\$3 WITH watermark WITH information) AND (generat \$3 WITH error WITH correction WITH encoded WITH watermark) AND (output\$4 WITH image)	US-PGPUB; USPAT	OR	ON	2008/02/27 11:07
S81	1	(image WITH process\$3) SAME (generat\$3 WITH plurality WITH feature ADJ1 image) AND (generat \$3 WITH watermark WITH information)	US-PGPUB; USPAT	OR	ON	2008/02/27 11:07
S82	0	watermark WITH digitmart	US-PGPUB; USPAT	OR	ON	2008/02/27 11:08
S83	0	watermark WITH digimart	US-PGPUB; USPAT	OR	ON	2008/02/27 11:08
S84	95	error WITH correction WITH encoded WITH watermark	US-PGPUB; USPAT	OR	ON	2008/02/27 11:08
S85	7202	(chang\$3 OR vary\$3) WITH bit WITH order	US-PGPUB; USPAT	OR	ON	2008/02/27 11:08
S86	548	(position OR location) WITH (tamper\$3 OR moderate OR govern\$3 OR restrain OR mollify\$3 OR attun\$3) WITH image	US-PGPUB; USPAT	OR	ON	2008/08/12 11:56
S87	6259	image WITH (first NEAR3 region) WITH (second NEAR3 region)	US-PGPUB; USPAT	OR	ON	2008/08/12 11:57
S88	266	(second NEAR3 region) WITH bit WITH ( plane OR level)	US-PGPUB; USPAT	OR	ON	2008/08/12 12:02
S89	0	S86 and S87 and S88	US-PGPUB; USPAT	OR	ON	2008/08/12 12:03
S90	1872	bit NEAR5 plan	US-PGPUB; USPAT	OR	ON	2008/08/12 13:07
S91	1	("20040145661").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/12 13:47
S92	1	("6614939").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/12 13:52
S93	3	("6614939").URIPN.	USPAT	OR	ON	2008/08/12 13:53



S94	6	("6985632").URPN.	USPAT	OR	ON	2008/08/12 13:53
S95	2841218	(multiple OR numerous OR many OR several OR few)	USPAT	OR	ON	2008/08/12 13:56
S96	32	((multiple OR numerous OR many OR several OR few) WITH (region OR area OR zone OR field) WITH (LSB OR (least NEAR5 significant NEAR5 bit NEAR5 original NEAR5 image)))	USPAT	OR	ON	2008/08/12 14:00
S97	0	((multiple OR numerous OR many OR several OR few) WITH (region OR area OR zone OR field) WITH (bit NEAR5 plan) WITH (LSB OR (least NEAR5 significant NEAR5 bit)))	USPAT	OR	ON	2008/08/12 14:10
S98	361	region WITH (LSB OR (least NEAR5 significant NEAR5 bit))	USPAT	OR	ON	2008/08/12 14:12
S99	0	region WITH (bit NEAR5 plan) WITH (LSB OR (least NEAR5 significant NEAR5 bit))	USPAT	OR	ON	2008/08/12 14:13
S100	6	region WITH (bit NEAR5 plane) WITH (LSB OR (least NEAR5 significant NEAR5 bit))	USPAT	OR	ON	2008/08/12 14:13
S101	0	((multiple OR numerous OR many OR several OR few) WITH (region OR area OR zone OR field) WITH (bit NEAR5 plane) WITH (LSB OR (least NEAR5 significant NEAR5 bit)))	USPAT	OR	ON	2008/08/12 14:13
S102	0	multiple WITH region WITH (bit NEAR5 plane) WITH (LSB OR (least NEAR5 significant NEAR5 bit))	USPAT	OR	ON	2008/08/12 14:14
S103	0	((many OR several OR few) WITH region WITH (bit NEAR5 plane) WITH (LSB OR (least NEAR5 significant NEAR5 bit)) WITH (full NEAR5 bit NEAR5 plane))	USPAT	OR	ON	2008/08/12 14:28

S104	0	(many OR several OR few ) WITH region WITH ( bit NEAR5 plane) WITH (LSB OR (least NEAR5 significant NEAR5 bit )) AND (full NEAR5 bit NEAR5 plane)	USPAT	OR	ON	2008/08/12 14:29
S105	0	((first NEAR5 region) WITH ( full NEAR5 bit NEAR5 plane)	USPAT	OR	ON	2008/08/12 14:29
S106	74	( full NEAR5 bit NEAR5 plane)	USPAT	OR	ON	2008/08/12 14:30
S107	0	region WITH ( full NEAR5 bit NEAR5 plane)	USPAT	OR	ON	2008/08/12 14:30
S108	1	area WITH ( full NEAR5 bit NEAR5 plane)	USPAT	OR	ON	2008/08/12 14:30
S109	74	( full NEAR5 bit NEAR5 plane)	USPAT	OR	ON	2008/08/12 14:31
S110	0	S100 and S109	USPAT	OR	ON	2008/08/12 14:31
S111	0	region WITH (bit NEAR5 plane) WITH ( LSB OR (least NEAR5 significant NEAR5 bit)) WITH (original NEAR5 image)	USPAT	OR	ON	2008/08/12 14:34
S112	5	(bit NEAR3 plane) WITH (least NEAR3 significant NEAR3 bit) WITH (original NEAR3 image)	USPAT	OR	ON	2008/08/12 14:36
S113	33	(least NEAR3 significant NEAR3 bit) WITH (original NEAR3 image)	USPAT	OR	ON	2008/08/12 14:40
S114	1	("20040145661").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/12 14:57
S115	12338	reduc\$3 NEAR3 size NEAR3 image	US-PGPUB; USPAT	OR	ON	2008/08/12 15:25
S116	282679	image NEAR3 process\$3	US-PGPUB; USPAT	OR	ON	2008/08/12 15:26
S117	20328	reduction NEAR1 ratio	US-PGPUB; USPAT	OR	ON	2008/08/12 15:26
S118	513	S115 and S116 and S117	US-PGPUB; USPAT	OR	ON	2008/08/12 15:26
S119	370	generat\$3 NEAR3 watermark NEAR3 information	US-PGPUB; USPAT	OR	ON	2008/08/12 15:27
S120	1	S115 AND S116 AND S117 AND S119	US-PGPUB; USPAT	OR	ON	2008/08/12 15:28
S121	1	S115 AND S117 AND S119	US-PGPUB; USPAT	OR	ON	2008/08/12 15:29
S122	3476	watermark NEAR3 information	US-PGPUB; USPAT	OR	ON	2008/08/12 15:29

S123	1	S115 AND S117 AND S122	US-PGPUB; USPAT	OR	ON	2008/08/12 15:30
S124	16	reduc\$3 NEAR3 size NEAR3 image WITH watermark	US-PGPUB; USPAT	OR	ON	2008/08/12 15:30
S125	1	S117 and S124	US-PGPUB; USPAT	OR	ON	2008/08/12 15:30
S126	1	reduc\$3 NEAR3 size NEAR3 image WITH ratio WITH watermark	US-PGPUB; USPAT	OR	ON	2008/08/12 15:32
S127	108	reduc\$3 NEAR3 size NEAR3 image WITH(ratio NEAR1 reduction)	US-PGPUB; USPAT	OR	ON	2008/08/12 15:33
S128	219	reduc\$3 NEAR3 size NEAR3 image SAME (ratio NEAR1 reduction)	US-PGPUB; USPAT	OR	ON	2008/08/12 15:33
S129	190	S116 and S128	US-PGPUB; USPAT	OR	ON	2008/08/12 15:34
S130	4867	(watermark OR steganograph) WITH information	US-PGPUB; USPAT	OR	ON	2008/08/12 15:36
S131	1	S129 and S130	US-PGPUB; USPAT	OR	ON	2008/08/12 15:37
S132	63	reduc\$3 NEAR1 size NEAR3 image WITH (ratio NEAR1 reduction)	US-PGPUB; USPAT	OR	ON	2008/08/12 15:37

8/13/2008 11:19:59 AM

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